

Total Finaprene® 411x Styrene-Butadiene TPE Copolymer Compounded to 61 Shore A (discontinued **)

Category : Polymer , Thermoplastic , Elastomer, TPE , Styrenic TPE , Styrene-Butadiene

Material Notes:

Styrene-Butadiene Copolymer Description: Finaprene® 411x is a thermoplastic elastomer type radial styrene-butadiene block copolymer. Thanks to its high molecular weight, Finaprene® 411x provides excellent mechanical and elastic properties to compound. Applications: Thanks to its high molecular weight Finaprene® 411x is designed for the compounding industry. This crumb shape, along with the high molecular weight confer a quick and important oil absorption capacity to the polymer and lead to the production of economical compounds while keeping good mechanical properties. Content of the compound for which the listed properties apply: F484: 63F435: 38F411X: 20Oil: 41GPPS: 20HIPS: 20CaCO3: 15Additional Notes: DIN Abrasion: 185 mm³Rossflex 100%: 45000 cyclesRossflex 300%: 112000 cyclesRossflex 500%: 132000 cyclesData provided by Total Petrochemicals. Total Petrochemicals includes former Fina and Atofina plastics product lines.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-Finaprene-411x-Styrene-Butadiene-TPE-Copolymer-Compounded-to-61-Shore-A-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Viscosity Measure	25 cSt	25 cSt	Toluene Solution; Finaprene 1008 Test
Melt Flow	23 g/10 min @Load 5.00 kg, Temperature 190 °C	23 g/10 min @Load 11.0 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61	61	Finaprene 1505 Test
Tensile Strength, Ultimate	5.30 MPa	769 psi	ASTM D638
Elongation at Break	4.2 %	4.2 %	unusually low elongation - error in manufacturer testing?; ASTM D638
Flex Crack Resistance	45000	45000	cycles per Rossflex 100%
	112000	112000	cycles per Rossflex 300%
	132000	132000	cycles per Rossflex 500%
Abrasion	185	185	mm ³ ; DIN Abrasion

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China